PTO/SB/08a (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1 148A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

Complete if Known					
Application Number	10/814,123				
Filing Date	April 1, 2004				
First Named Inventor	Zheng Zhang				
Art Unit	1712				
Examiner Name	Kuo-Liang Peng				
Attorney Docket Number	3244-126 (formerly 571-932)	J			

			U.S. PATENT	OCUMENTS	•
Examiner Cite	Document Number Number - Kind Code ² (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant	
1110		+			Figures Appear
W		US- 5,624,875	04-29-1997	Nakanishi et al.	
		US- 6,531,060	03-11-2003	Nakanishi et al.	
		US- 2001/0041459	11-15-2001	Smith et al.	
		US- 6,303,290	10-16-2001	Liu et al.	<u>, , , , , , , , , , , , , , , , , , , </u>
T		US- 6,080,402	06-27-2000	Reetz et al.	
		US- 6,090,448	07-18-2000	Wallace et al.	
		US- 4,588,624	05-13-1986	Nygren et al.	•
		US- 4,673,584	08-16-1987	Nygren et al.	
		US- 5,074,916	12-24-1991	Hench et al.	
		US- 5,300,564	04-05-1994	Avnir et al.	
		US- 6,048,546	04-11-2000	Sasaki et al	
		US- 6,210,570	04-03-2001	Holloway	
		US- 6,171,986	01-09-2001	Zhong et al.	
		US- 5,071,674	12-10-1991	Nogues et al.	
		US- 5,243,769	09-14-1993	Wang et al.	
V		US- 5,100,841	03-31-1992	Wada et al.	

FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	D. Alice View	Name of Patentee or	Pages, Columns, Lines,		
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Date Applicant	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T⁰	
(4)		EP 0363897	04-18-1990	Asahi Glass Company Ltd.			
		WO 01/58562	08-16-2001	University of South Florida			
		WO 98/29350	07-09-1998	Merck Patent GmbH			
		WO 01/01139	01-04-2001	McMaster University			
V		CH327722 Chem. Abst. No. 53:40001	03-31-1958	Lonza Elektrizitatswerke und Chemische Fabriken Akt.			

		// M		
Examiner Signature	Kul	May	Date Considered	10/14/05

*EXAMINER: Initial if reference dossidered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 'Senter Office that issued the document, by the two-letter code (MPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.' Kind of document by the appropriate symbols as indicated on the document under MPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is etached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Index the Panerwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitut	te for form 144	9A/PTO		Complete If Known			
				Application Number	10/814,123		
INFO	DRMATI	ON DIS	CLOSURE	Filing Date	April 1, 2004		
STA	STATEMENT BY APPLICANT			First Named Inventor	Zheng Zhang		
				Art Unit	1712		
(Use as many sheets as necessary)			necessary)	Examiner Name	Kuo-Liang Peng		
Sheet	2	of	6	Attorney Docket Number	3244-126 (formerly 571-932)		

			U.S. PATENT		
Examiner Initials *	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevan Passages or Relevant
	NO.	Number - Kind Code ² (if known)			Figures Appear
PAP		US- 3,189,662	06-15-1965	Vaughn	
1		US- 3,997,501	12-14-1976	McLeod	
		US- 5,009,688	04-23-1991	Nakanishi	
		US- 5,837,507	06-10-1997	Wicks et al.	
		US- 5,728,457	03-17-1998	Frechet et al.	
V		US- 6,207,098	03-27-2001	Nakanishl et al.	
-V					7
				/ .	
				X	

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,			
Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁸ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶		
KIP		DE1136114 Chem. Abst. No. 57:82508	07-16-1960	Farbenfabriken Bayer Akt.				
		English Language Translation of Abstract of JP07102216	04-18-1995	Shin Etsu Chem Co Ltd				
		1						

		A/1		
Examiner Signature	Kilw	Keig	Date Considered	10/14105

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (MPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under MPO Standard ST. 16 if possible. Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to fite (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08b(08-03)

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number 10/814,123 INFORMATION DISCLOSURE Filing Date April 1, 2004 STATEMENT BY APPLICANT First Named Inventor Zheng Zhang Art Unit 1712 (Use as many sheets as necessary) Examiner Name **Kuo-Liang Peng** Attorney Docket Number 3244-126 (formerly 571-932) Sheet

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Jup	1.	CABRERA, K. et al., "SilicaROD™ - A new challenge in fast high-performance liquid chromatography separations", Trends in Analytical Chemistry, 1998, pp. 50-53, Vol. 17, No.1.	
1	2.	TANAKA, N. et al., "Monolithic Silica Columns for HPLC, Micro-HPLC, and CEC", J. High Resol. Chromatogr., 2000, pp. 111-116, Vol. 23, No. 1.	
	3.	ISHIZUKA, N. et al., "Preparation and Chromatographic Application of Macroporous Silicate in a Capillary", Journal of Sol-Gel Science and Technology, 2000, pp. 371-375, Vol. 18.	
	4.	MOTOKAWA, M. et al., "Monolithic silica columns with various skeleton sizes and through-pore sizes for capillary liquid chromatography", Journal of Chromatography A, 2002, pp. 53-63, Vol. 981.	
	5.	ISHIZUKA, N. et al., "Chromatographic characterization of macroporous monolithic silica prepared via sol-gel process", Colloids and Surfaces – A: Physicochemical and Engineering Aspects, 187-188, 2001, pp. 273-279.	
1	6.	KANG, J. et al., "A silica monolithic column prepared by the sol-gel process for enantiomeric separation by capillary electrochromatography", Electrophoresis, 2002, pp. 1118-1120, Vol. 23.	
	7.	KIKUTA, K. et al., "Synthesis of Transparent Magadiite-Silica Hybrid Monoliths", Chem. Mater., 2002, pp. 3123-3127, Vol. 14.	
	8.	LEINWEBER, F. C. et al., "Characterization of Silica-Based Monoliths with Bimodal Pore Size Distribution", Anal. Chem., 2002, pp. 2470-2477, Vol. 74.	
	9.	NAKANISHI, K. et al., "Macropore Morphology Control of Silica Gel by Spinodal Decomposition", Chemical Processing of Advanced Materials, 1992, pp. 29-41	
	10.	NAKANISHI, K. et al., "Macropore Structure Design of Sol-Gel Derived Silica by Spinodal Decomposition", Porous Materials, 1993, pp. 51-60.	
	11.	GILL, I. et al., "Encapsulation of Biologicals within Silicate, Siloxane, and Hybrid Sol-Gel Polymers: An Efficient and Generic Approach", J. Am. Chem. Soc., 1998, pp. 8587-8598, Vol. 120.	
	12.	GILL, I., "Bio-doped Nanocomposite Polymers: Sol-Gel Bioencapsulates", Chem. Mater., 2001, pp. 3404-3421, Vol. 13.	
	13.	NAKANISHI, K. et al., "Synthisis of silica gel by polymer-mixed sol-gel method", Chem. Abstracts, AN. 118:259529, Shinsozal (1992), pp. 44-49, Vol. 3, No. 11.	
V	14.	TANAKA, N. et al., "Octadecylsilyated porous silica rod for reversed-phase fiquid chromatography", Chem. Abstracts, AN. 121:92756, Kuromatogurafi (1993), pp. 50-51, Vol. 14, No. 5.	

	L 11! . A		
Examiner Signature	Klhiler	Date Considered	10/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2008. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number 10/814,123 INFORMATION DISCLOSURE Filing Date April 1, 2004 STATEMENT BY APPLICANT First Named Inventor Zheng Zhang Art Unit 1712 (Use as many sheets as necessary) Examiner Name **Kuo-Liang Peng** Sheet 4 of Attorney Docket Number 3244-126 (formerly 571-932)

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
ap	15.	FRYE, C.L., "Stable Silicon Heterocyclic Derivatives of Branced Alkanediols", The Journal of Organic Chemistry, 1969, pp. 2496-2499, Vol. 34, No. 9.	}
	16.	VORONKOV M.G. et al., Chem. Abst. No. 69:58787, "Spirocyclic orthosilicic acid esters", Z. Chem., 1968, pp. 252-253, Vol. 8, No. 7	
	17.	GAINSFORD, G.J. et al., "Sodium Bis[1,2-ethanediolato(2-)](hydroxy-ethoxo)siticate(1-) Acetonitrile Solvate, Na[Si(C ₂ H ₄ O ₂) ₂ (C ₂ H ₅ O ₂)].0.25C ₂ H ₃ N", Acta Cryst., 1995, pp. 8-10, C51.	
	18.	MÜLLER, R. et al., Chem. Abst. No. 55:143332, "Silicones. LII. The identification and separation of alkoxy and anyloxy compounds with pentacovalent silicon", Chem. Berichte, 1981, pp. 1943-1951, Vol. 94.	
	19,	KEMMITT, T. et al., "The Ring Size Influence on ²⁸ Si N.M.R. Chemical Shifts of Some Spirocyclic Tetra- and Penta –coordinate Diolato Silicates", Aust. J. Chem., 1995, pp. 93-102, Vol. 48.	
	20.	ARSENE, C. et al., "Cyclic Chiral Silyl Derivatives for the Determination of the Absolute Configuration of Aliphatic Diols by Gas Chromatography", Org. Lett., 2002, pp. 2869-2871, Vol. 4, No.17.	
	21.	SPINDLER, R. et al., "Investigations of a Siloxane-Based Polymer Electrolyte Emptoying ¹³ C, ²⁹ Si, ⁷ Li, and ²³ Na Solid-State NMR Spectroscopy", J. Am. Chem. Soc., 1988, pp. 3038-3043, Vol. 110.	
	22.	SATTLER, K. et al., Chem. Abst. No. 134:195237, "A new glycol precursor for template synthesis and its interaction with a surfactant", Chemie Ingenieur Technik, 2000, pp. 487-491, Vol. 72, No. 5.	
	23.	CHENG, H. et al., "Neutral Alkoxysilanes from Silica", J. Am. Chem. Soc., 2000, pp. 10063-10072, Vol. 122.	
	24.	KINRADE S.D. et al., "Stable Five- and Six-Coordinated Silicate Anions in Aqueous Solution", Science, 1999, pp. 1542-1545, Vol. 285.	
	25.	KINRADE, S.D. et al., "Silicon-29 NMR evidence of alkoxy substituted aqueous silicate anions", J. Chem. Soc., Dalton Trans., 1999, pp. 3149-3150.	,

Examiner Date 19/1/12/				
Signature Considered 777/05	Examiner Signature	MINN/ IF BUS	Date Considered	(0/14/05

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO Complete if Known Application Number 10/814,123 INFORMATION DISCLOSURE Filing Date April 1, 2004 STATEMENT BY APPLICANT First Named Inventor **Zheng Zhang** Art Unit 1712 (Use as many sheets as necessary) Examiner Name **Kuo-Liang Peng** of 6 Attorney Docket Number 3244-126 (formerly 571-932) Sheet 5

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-it number(s), publisher, city and/or country where published.		
140	26.	KINRADE, S.D. et al., "Aqueous hypervalent silicon complexes with aliphatic sugar acids", J. Chem. Soc., Dalton Trans., 2001, pp. 981-983.	
1	27.	SPINDLER, R. et al., "Synthesis, NMR Characterization, and Electrical Properties of Siloxane-Based Polymer Electrolytes", Macromolecules, 1998, pp. 648-654, Vol. 21.	
	28.	SCHOMBURG, D., *Strong Distortion of the Tetrahedral Geometry in a Spirosilicate: Molecular Structure of Bis(tetramethylethylenedioxy)silane*, Angew. Chem. Intl. Ed., 1983, p. 65, Vol. 22, No. 1.	
	29.	MOORE, J.C., "Gel Permeation Chromatorgraphy. I. A New Method for Molecular Weight Distribution of High Polymers", Journal of Polymer Science Part A, 1964, pp. 835-843, Vol. 2.	
	30.	MEHROTRA, R.C. et al., "Reactions of Tetramethoxy- & Triethoxysilanes with Glycols", Indian J. Chem., 1987, pp. 444-448, Vol. 5.	
	31.	MEHROTRA, R.C. et al., "Organic Derivatives of Silicon. Part V. Reactions of Silicon Tetra-acetate with Glycols: Synthesis of Glycol Derivatives of Silicon", Indian Jour. Chem. Soc., pp. 563-566, Vol. 41, No. 8.	
	32	HAHN. W., Chem. Abst. No. 49:8249, "Sprio silicates from silicon tetrachloride and diols", Makromolekulare Chemie, 1953, pp. 51-83, Vol. 11.	
	33.	VORONKOV, M.G. et al., "Alkoxysilanes. XXIII. Spirocyclic esters of silicic acids", Chem. Abst. No. 70:88820.	
	34.	KUZNETSOVA, V.P. et al., "Synthesis of hydroxysilanes and urethanes based on them", Chem. Abst. No. 71:39061.	
:	35.	KOPYLOV, V.M. et al., "Transesterification of tetraethoxysilane with difunctional alcohols in the presence of nucleophilic catalysts", Chem. Abst. No. 108:86887.	
	36.	DAVE, B.C., et al., "Sol-gel Encapsulation Methods for Biosensors", Analytical Chemistry, 1994, pp. 1120-1127A, Vol. 66, No. 22.	
	37.	GILL, I. et al., "Lipase – Silicone Biocomposite: Efficient and Versatile Immobilized Biocatalysts", Journal of the American Chemical Society, 1999, pp. 9487-9495, Vol. 121, No. 41.	
₩	38.	ZHANG, Z. et al., "The Biporous Structure of Monolithic Silica Columns Containing Entrapped Proteins", Abstract, Submitted August 2002 Conference, published August 10, 2002.	,

	· · · · · · · · · · · · · · · · · · ·			
Examiner Signature	Kelwhay	Date Considered	10/14/05	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual complete in the process of the process of the complete in the process of the control of the complete in the process of the control of the complete in the process of the control of the complete in the complete of the process of the control o case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO				Complete if Known		
			OL COURT	Application Number	10/814,123	
INFORMATION DISCLOSURE				Filing Date	April 1, 2004	
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Zheng Zhang	
(Use as many sheets as necessary)				Art Unit	1712	
				Examiner Name	Kuo-Liang Peng	
Sheet	6	of	6	Attorney Docket Number	3244-126 (formerly 571-932)	

	NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²				
Clp.	39.	ISHIZUKA, N. et al., "Performance of a Monolithic Silica Column in a Capillary Under Pressure-Driven and Electrodriven Conditions", Anal. Chem., 2000, pp. 1275-1280, Vol. 72.					
Examiner Signature		Date Considered (P/14/05					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.